

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	09/987,555
Confirmation Number	7542
Filing Date	November 15, 2001
First Named Inventor	Masayuki KIMATA
Art Unit	2631
Examiner Name	Unassigned
Attorney Docket Number	Q67299

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	H11-298345	A	10-29-1999		No
		JP	H11-266180	A	09-28-1999		No

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		Nobuyoshi Kikuma, Array Antenna Based Adaptive Signal Processing, Japan Science Press, Inc., November 25, 1998, 1 <sup>st</sup> edition, p. 40-48	No

Examiner Signature

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

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		JP	11-266180	A	09-28-1999		
		WO	97/20400	A1	06-05-1997	NTT Mobile Comm. Network	Abstract
		JP	11-298345	A	10-29-1999		
		JP	2002-77008	A	03-15-2002		
		JP	2001-16148	A	01-19-2001		
		JP	2002-26787	A	01-25-2002		

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		Nobuyoshi Kimura, "Adaptive signal processing using array antennas", Japan, Kagaku Gijutsu Shuppan Co., Ltd., November 25, 1998, 1 <sup>st</sup> Edition, pp. 40-48	

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LB		H. Wang et al., "Adaptive Array Antenna Combined with Tapped Delay Line Using Processing Gain for Direct-Sequence/Spread-Spectrum Multiple Access System", IEICE Transactions, Vol. J75-B11, No. 11, (1992), pp. 815-825.	
11		S. Tanaka et al., "The Performance of Decision-Directed Coherent Adaptive Diversity in DS-CDMA Reverse Link", IEICE, Technical Report on Radio Communication System, RCS96-102, (November	

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